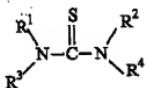


ABSTRACT

"Complexing Agents"

5

A substituted thiourea having the general formula



10 characterised in that each of R^1 and R^2 independently comprises an alky, alkaryl or aryl group or a substituted derivative thereof, and contains at least one fluorine atom, and in that each of R^3 and R^4 is selected from the group which consists of H, alky, alkaryl and aryl and substituted derivatives thereof, including fluorine-containing derivatives. A method for producing the substituted thiourea is disclosed, and a

15 method for extracting a noble metal such as gold from a matrix by treating the matrix with the substituted thiourea is also disclosed.

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